

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	69	(kaufmann and (v vernon)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 11:17
S2	6	("5996712" "6244345" "6553825"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/20 11:06
S3	14	(deflection adj swivel) and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 11:08
S4	57	(kauffman and (v vernon)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/20 16:55
S5	38	swivel and drill?string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 16:56
S6	2626	swivel and drill and tubular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 16:57
S7	4098	tubular and string and deflect\$4 and well	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 17:02
S8	1758	deflect\$4 and sub and mandrel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 09:59
S9	359	deflect\$4 and sub and mandrel and drill and string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 17:03
S10	656	(166/355 166/367 166/346).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 15:23

S11	503	(166/384 166/78.1).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 17:29
S12	2547	(175/61 175/92 175/320 175/89 175/90).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 17:30
S13	2423	(175/61 175/92 175/320).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 17:38
S14	144	S12 and (lateral\$4 with deflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 17:38
S15	542	(166/344 166/358).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 08:56
S16	656	(166/355 166/367 166/346).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 15:23
S17	220	S16 and (bearing bushing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 15:31
S18	170	S17 and (sub knuckle joint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 16:18
S20	22106	well and ((drill and string) and (connect\$4 joint))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 16:20
S21	3802	S20 and ((knuckle round\$4 enlarged expanded) near5 (end head joint tip shaft tube))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 16:32

S22	173	S21 and (deflect\$4 and lateral\$4) and (stress strain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/24 16:32
S23	109	"ball and socket"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/26 08:16
S25	87	((ball near5 socket) or (knuckle near5 joint) or (end near5 receptacle)) with (drill?string pipeline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/26 10:40
S26	5760	(swivel or (ball near3 socket) or (shoulder near3 joint) or (knuckle near3 joint)) with ((journal ball thrust) near3 (bearing bushing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:16
S27	5	(swivel or (ball near3 socket) or (shoulder near3 joint) or (knuckle near3 joint)) with ((journal and ball and thrust) near3 (bearing bushing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:19
S28	14	(swivel or (ball near3 socket) or (shoulder near3 joint) or (knuckle near3 joint)) with ((journal and ball and thrust) with (bearing bushing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/26 15:06
S29	104	swivel with (ball?bearing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/26 15:43
S30	387	403/52.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/26 15:44
S31	158	403/127.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 11:17
S32	1	403/127.ccls. and (journal and thrust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 11:40

S33	26	403/127.ccls. and (journal thrust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 13:08
S34	0	403/127.ccls. and (journal near bearing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 13:09
S35	10	403/127.ccls. and (thrust near bearing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 17:56
S36	32	"403"/\$6.ccls. and (((ball adj bearing) with (journal adj bearing)) ((ball adj bearing) with (thrust adj bearing)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 17:58
S37	1463	(403/78 403/164 403/165).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 11:51
S38	423	S37 and (ball knuckle shoulder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 11:51
S40	285	S38 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 11:52
S41	4622	"403"/\$6.ccls. and (ball and joint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 16:26